

**CLAIMS:**

5     **What is claimed is:**

1.     In the process of making an electrical connector that includes an electrical contact, an electrically insulating insert and an electrically insulating overmolded body, the steps comprising:

10                 forming said electrical contact;  
                       forming said electrically insulating insert;  
                       mating said electrical contact and said electrically insulating insert to form a subassembly;  
                       attaching a wire to said electrical contact; and  
15                 overmolding said subassembly with an electrically insulating material to form an overmolded body thereabout and form said electrical connector.

2.     The process of Claim 1 wherein said wire is attached to said electrical contact by soldering.

20                 3.     The process of Claim 1 wherein said electrical contact is substantially annular with an inside dimension and an outside dimension.

25                 4.     The process of Claim 3 wherein said inside dimension is provided with a plurality of contact beams depending therefrom and said outside dimension is provided with a plurality of retention beams depending therefrom.

5.     The process of Claim 4 wherein said plurality of contact beams and said plurality of retention beams are spaced alternately from one another.

6. An electrical connector comprising:

a substantially annular electrical contact with an inside dimension and an outside dimension, said inside dimension being provided with a plurality of contact beams depending therefrom and said outside dimension being provided with a plurality of retention beams  
5 depending therefrom, said plurality of contact beams and said plurality of retention beams being spaced alternately from one another;

a substantially cup-shaped electrically insulating insert mated with said annular electrical contact to form a subassembly, said substantially cup-shaped insulator having an interior wall and an exterior wall, said interior wall including a plurality of pockets for receiving said contact beams and said exterior wall including a plurality of pockets for receiving said retention beams, said contact beams and said retention beams engaging their respective pockets; and

an electrically insulating overmold forming a body about said subassembly, said body completely covering said exterior wall of said cup-shaped electrically insulating insert.

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7. The electrical connector of Claim 6 wherein said connector is Y-shaped and includes two subassemblies within said body.